

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Ning

Filed: Herewith

Serial No.: TBD

For: Vertical MIMCap Manufacturing Method



Attorney Docket: 01-P-18264 US

Examiner: TBD

Art Unit: TBD



INFORMATION DISCLOSURE STATEMENT

TRANSMITTAL

Assistant Commissioner For Patents
Washington, DC 20231

MAILING CERTIFICATE PURSUANT
TO 37 C.F.R. §1.10

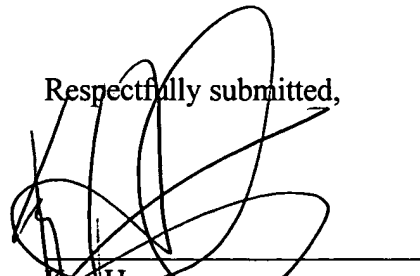
I hereby certify that this correspondence is being deposited with the United States Postal Service as Express mail in an envelope addressed to: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231, Express Mail No.: EL 862019088 US

Joan K. Konkell 1-25-02
Joan K. Konkell Date

Dear Sir:

Applicant wishes to bring to the attention of the Patent and Trademark Office the information noted on the enclosed PTO-1449 which may be considered material to the examination of the above identified application. This Information Disclosure Statement is submitted pursuant to 37 CFR 1.97(b) concurrently with the filing of the patent application. Consideration of the references is respectfully requested.

Respectfully submitted,


Kay Houston
Attorney for Applicant
Reg. No. 38,495

Slater & Matsil, L.L.P.
17950 Preston Road, Suite 1000
Dallas, Texas 75252
phone: (972) 732-1001
fax: (972) 732-9218

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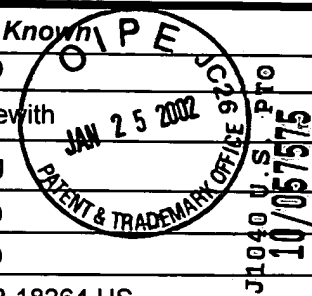
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		Applicati n Number	TBD		
		Filing Date	Herewith		
		First Named Inventor	Ning		
		Group Art Unit	TBD		
		Examiner Name	TBD		
Sheet	2	of	2	Attorney Docket Number	01-P-18264 US



OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	✓	KAR-ROY, ARJUN, HU, CHUN, RACANELLI, MARCO, COMPTON, CORY A., KEMPF, PAUL, JOLLY, GURVINDER, SHERMAN, PHIL N., ZHENG, JIE, ZHANG, ZHE and YIN, AIGUO, "High Density Metal Insulator Metal Capacitors Using PECVD Nitride for Mixed Signal and RF Circuits", IEEE, 1999, IITC 99-245-247.	
	✓	LIU, RUICHEN, LIN, CHENG-YIH, HARRIS, EDWARD, MERCHANT, SAILESH, DOWNEY, STEPHEN W., WEBER, GARY, CIAMPA, NICHOLAS A., TAI, WAI, LAI, WARREN, Y. C., MORRIS, MARK D., BOWER, J. ERIC, MINER, JOHN F. FRACKOVIK, JOHN, MANSFIELD, WILLIAM, BARR, DAVID, KELLER, ROBERT, CHANG, CHONG-PING, PAI, CHIEN-SHING, ROGERS, SARA N. AND GREGOR, RICHARD, "Single Mask Metal-Insulator-Metal (MIM) Capacitor with Copper Damascene Metallization for Sub-0.18µm Mixed Mode Signal and System-on-a-Chip (SoC) Applications", IEEE, 2000, pp. 111-113.	
	✓	ARMACOST, M., AUGUSTIN, A., FELSNER, P., FEND, Y., FRIESE, G., HEIDENREICH, J., HUECKEL, G., PRIGGE, O., STEIN, K., "A High Reliability Metal Insulator Metal Capacitor for 0.18 µm Copper Technology", 4 pages.	

Examiner Signature	<i>B. Talbot</i>	Date Considered	4/29/03
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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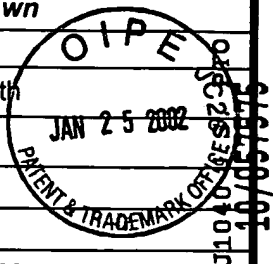
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		First Named Inventor	Ning		
		Group Art Unit	TBD		
		Examiner Name	TBD		
Sheet	1	of	2	Attorney Docket Number	01-P-18264 US



U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
BT		5,654,581		Radosevich, et al.	08/05/1997	

FOREIGN PATENT DOCUMENTS								
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